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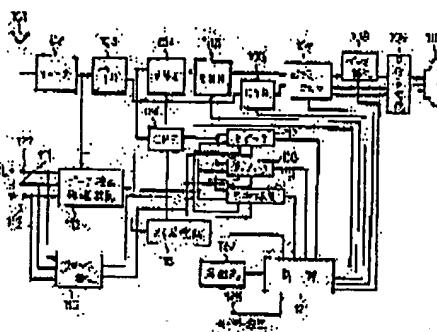
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(54) TELEVISION RECEIVER

(57)Abstract:

PURPOSE: To always obtain the most satisfactory video state by adjusting a picture quality corresponding to the change of a video by using exact video information from an input video signal.

CONSTITUTION: A noise detecting circuit 116 detects a noise from the input video signal. A low pass filter 114 changes a pass band according to the output of the noise detecting circuit 116, and extracts a low frequency component from a luminance signal. A white peak detecting circuit 117, black peak detecting circuit 118, and mean luminance detecting circuit 119 detect a white peak, black peak, and mean luminance from the output signal of the low pass filter 114. A surrounding light detecting circuit 120 detects brightness at the surrounding of the receiver. A control circuit 121 controls an outline correcting circuit 105, video chroma circuit 107, and gamma correcting circuit 108 or the like based on the video information of the detected white peak, black peak, mean luminance, noise, and surrounding light.



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